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BOLLINGTON URBAN DISTRICT COUNCIL.

ANNUAL REPORT OF THE

MEDICAL OFFICER OF HEALTH

FOR 1949

Council Offices,
Bollington,
Nr. Macclesfield.

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FOR 1949

6, Market Place,
Macclesfield.

To the Chairman and Members
of the Bollington Urban District Council.

I have pleasure in presenting my Annual Report for the year 1949 which includes a review of the working of the Part 111 services of the National Health Service Act of 1946.

There has been a small estimated increase in the population over last year and the birth rate has increased from 14.6 to 15.3. The death rate remains the same.

The epidemic of measles last year ceased in January and though whooping cough increased it was of a mild type.

I acknowledge most faithfully the help of the Members of the Committee and staff.

I am, Lady and Gentlemen,
Yours obediently,

H.R. DUGDALE.
Medical Officer of Health.

STAFF.

H.R. Dugdale, M.B., CH.B., D.P.H., Divisional Medical Officer of Health for the Borough of Macclesfield and Urban District of Bollington.

J.W. Inkers, C.S.I.B., Certif. Inspr. Meat and Food.

(1) GENERAL STATISTICS.

Population	5,286
Area (acres)	1,443
Number of inhabited houses	1,787
Estimated net produce of 1d. rate	£103

(2) EXTRACTS FROM VITAL STATISTICS for the Year.

Births.

	Males	Females	Total.
Legitimate	43	35	78
Illegitimate	2	1	3
	45	36	81

Live Birth Rate 15.3 per 1,000 of estimated population.

	Males	Females	Total.
Stillbirths	-	-	-

Birth Rate of Stillborn children Nil per 1,000 total live and still births.

Birth Rate of Stillborn children Nil per 1,000 of population.

Deaths (All Ages)

Males	Females	Total
30	33	63

Crude Death Rate	11.9 per 1,000
Puerperal Sepsis	Nil
Other Puerperal causes	Nil
Rate per 1,000 births	Nil

Deaths of Children under 1 Year

	Males	Females	Total
Legitimate	-	2	2
Illegitimate	-	-	-

1 Female ... Atelectasis
1 Female ... Hydrocephalus

Death Rate of infants under 1 year of age per 1,000 live births:-

Legitimate	24.6
Illegitimate	Nil

Number of women dying consequent of Child Birth ... Nil

Death Rate from Tuberculosis, 1949

1 Death only.
Pulmonary Nil
Non-Pulmonary .18 per 1,000 estimated population

Death Rate from Cancer 1.9 per 1,000 estimated population.
" " " Measles (All ages) Nil
" " " Whooping Cough Nil
" " " Diarrhoea (Under 2 years) Nil

The Chief Causes of Deaths for 1949 are as follows:-

	Males	Females.
Tuberculosis (Respiratory)	-	-
Tuberculosis. (Other forms)	-	1
Cancer of buc: cav: uterus	1	-
Cancer of Stomach or Duodenum	1	1
Cancer	2	7
Cancer of Breast	-	1
Diabetes	1	-
Intra-Cranial Vascular Lesions	3	3
Heart Disease	8	4
Other Circulatory Diseases	9	4
Bronchitis	-	-
Pneumonia	1	-
Other Respiratory Diseases	-	1
Ulcer of Stomach or Duodenum	1	-
Diarrhoea under 2 years	-	-
Appendicitis	-	-
Other Digestive Diseases	1	1
Nephritis	1	1
Puer: & post abort: sepsis	-	-
Other Maternal causes	-	-
Con: mal: birth inj:	-	2
Road traffic - Accident	-	-
Other Violent Causes	-	1
All other Causes	2	5
	30	33

NOTIFIABLE DISEASES DURING THE YEAR.

Disease	No. of Cases	No. admitted to Hospital	Deaths.
Scarlet Fever	17	4	-
Diphtheria	-	-	-
Typhoid	-	-	-
Pneumonia	1	-	1
Peuperal Fever	-	-	-
Erysipelas	2	-	-
Measles	9	-	-
Whooping Cough	55	-	-

There have been no cases of Ophthalmia Neonatorum during the year 1949

Our rates for the number of Scarlet Fever and Diphtheria notified per 1,000 of the population are 3.2 and Nil

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TUBERCOLOSIS

Age Period	NEW CASES Pulmonary M	NEW CASES Pulmonary F	NEW CASES Non Pulmonary M	NEW CASES Non Pulmonary F	DEATHS Pulmonary M	DEATHS Pulmonary F	DEATHS Non Pulmonary M	DEATHS Non Pulmonary F
0	-	-	-	-	-	-	-	-
1	-	-	-	-	-	-	-	-
5	-	-	-	-	-	-	-	-
10	-	-	-	-	-	-	-	-
15	-	-	-	-	-	-	-	-
20	-	-	-	-	-	-	-	-
25	-	-	-	-	-	-	-	-
35	-	-	-	-	-	-	-	-
45	-	-	-	-	-	-	-	-
55	-	-	-	-	-	-	-	-
65	-	-	-	-	-	-	-	1
Total	-	-	-	-	-	-	-	1

It has not been found necessary to take any action under the Public Health Prevention of Tuberculosis Regulation, 1928.

FOOD POISONING.

Total number of cases notified	Nil
Total number of outbreaks	1
Number of cases	1
Number of deaths	1

One death due to gastric Enteritis caused by organism Salmonella Enteritidis. Inquest held but no evidence as to food causing same.

NATIONAL HEALTH SERVICE ACT 1946
Local Health Services under Part 111.

Section 22 - Care of Mothers and Young Children.

Though the number of centres and clinics remain as in previous years the effect of the housing policy of the Borough is becoming apparent on the attendance figures for Great King Street Clinics. Depending on the speed of building on the Ivy Road Estate, it will become necessary to consider the provision of an additional clinic for that area

The Bollington Centre has been decorated internally and externally and special facilities provided for Ophthalmic work.

Attendances made by children:-		Attendances	No. seen by Doctor.
Great King Street	(96 Sessions)	3316	1058
Hurdsfield House	(49 Sessions)	3612	750
Sanders Square	(50 Sessions)	2522	541
Bollington	(23 Sessions)	1141	384

Pre-School (Toddlers') Clinics:

Attendances made by children:-			
Great King Street	(38 Sessions)	873	715
Hurdsfield House	(12 Sessions)	218	73
Sanders Square	(51 Sessions)	857	380

Ante-Natal Clinics:

Attendances made by Mothers:-		Attendances First Visits	Attendances Return Visits	No. seen by Doctor.
Great King Street	(24 Sessions)	176	239	217
Hurdsfield House	(12 Sessions)	106	172	161
Sanders Square	(12 Sessions)	101	206	150

Applications for admission to West Park Hospital:

Number of Applications received - 292

Infant Deaths

Number of Infant Deaths - 19 Ages at death as under:-

Under 24 hrs	2-days	3-days	4-days	1-2 months	2-3 months	3-6 months	6-12 months
3	1	2	1	3	3	3	3

SPECIALIST CLINICS:

Ophthalmic Clinic. - The Ophthalmic Clinic at the School Clinic is available to Mothers and Children under 5 years of age and the following is a report of the work done during the year:-

Number of Mothers who attended the Clinic	Nil
Number of Children under 5 years of age who attended	47
Number of Children for whom glasses were prescribed	10

Ear, Nose and Throat Clinic. - This clinic is held once each month at the School Clinic and is available to Mothers and Children under 5 years of age.

Number of attendance made by Mothers	Nil
Number of attendances made by children under 5 years	5
Number of children referred for Tonsils and Adenoids Operation	3

Paediatric Clinic. - This clinic was held twice each month at Great King Street Welfare Centre, but was discontinued in November 1949. The attendances were as under:-

Number of Sessions held	8
Number of Attendances	17

Orthopaedic Clinic. The Clinic at Hurdsfield House continued to be held throughout the year and the following is a summary of the work done:-

Number of Sessions attended by Specialist	11
Number of treatment sessions	46
Number of new patients under 5 years of age	53
Number of attendances by children under 5 years	471
Number of patients on register 31st. December 1949	103

Dental Treatment - Treatment carried out by the School Dentist for Mothers and children under 5 years:-

	No. of Cases	Attendances	Anaesthetic Gen.	Anaesthetic Local	Fillings	Extractions	Scalings	Advice
Maternity Cases	3	4	1	-	4	4	-	-
Children under 5 yrs	66	76	32	6	9	107	-	4

Infant Day Nurseries:

The Day Nurseries at South Park and Glegg Street, Macclesfield and Wellington Road Bollington continued throughout the year.

A new Nursery for children under two years of age was opened in October 1949 at Buxton Road, Macclesfield and will accommodate 20 children. The premises were converted for use as a Day Nursery and equipped at a total approximate cost of £2,300.

The following is a summary of attendances etc, for the year:-

Attendances:-

	No. of places for children under 2 yrs	No. of places for children 2-5 yrs	Attendances Under 2 yrs	Attendances 2-5 yrs	Total Average daily Attendances.	No. of Mothers on reg. employed full time.	No. of children on waiting list Under 2 yrs	No. of children on waiting list 2-5 yrs
Glegg St.	10	30	1696	7146	36	36	52	78
South Park	18	30	3056	7662	43	44	124	85
Buxton Road (from Oct.49)	20	-	1055	-	16	20	15	-
Bollington	12	28	3028	6756	40	44	12	18

Section 23 - Midwives Services.

Notifications of births received:-

	Live Macclesfield.	Live Bollington.	Still Macclesfield.	Still Bollington.	Total. Macclesfield.	Total. Bollington.
Males	253	45	10	-	263	45
Females	217	36	3	-	220	36
Total	470	81	13	-	483	81

Section 24 - Health Visiting.

Visits made by Health Visitors:-

	First Visits Macclesfield.	First Visits Bollington.	Total Visits. Macclesfield.	Total Visits. Bollington.
To Children under 12 months	476	117	1901	297
" " 1-5 years	4	2	3586	796
" Expectant Mothers	174	-	335	31
" Home Helps	32	-	318	14
Re Stillbirths	9	-	14	-
" Infant Deaths	12	-	15	-
" Adoptions	4	-	4	2
To cases of Sickness	17	-	20	-
" Mental Defectives	11	-	35	3
" cases of Infectious Disease	42	-	76	-
" Day Nurseries	-	-	2	-
" cases of Tuberculosis	43	-	283	85
" School Children	-	-	104	34
" Schools	-	-	7	7
Special Visits	23	-	195	8
Business	11	-	967	-

Clinics attended by Health Visitors:-

	Nurses Adamson.	Grills.	Martin.	Watson	Williams to 13/7/49	Yates.
Infant Welfare	23	82	85	85	35	50
Pre-School	-	41	8	77	2	50
Ante-Natal	-	34	34	26	10	33
School Med.Insps.	-	17	18	27	17	15
Welfare Imm.Sess.	12	9	4	8	-	11
School Head Insps.	15	14	9	26	18	9
" " Treatments	-	2	2	6	-	-
Vision Clinics	9	-	44	-	2	-
Orthopaedic	-	9	2	-	-	-
Ear, Nose & Throat	5	-	10	-	1	-
Paediatric	-	-	3	7	-	-
Minor Ailments	-	-	166	-	-	75
School Clinics	36	-	79	-	6	-
Dental Clinics	-	-	1	-	-	-

Section 25 - Domiciliary Nursing:

Visits made by the District Nurses during the year:-

	Macclesfield	Bollington.
No. of patients	859	551
Total Visits	10,039	4406

Section 26 - Vaccination and Immunisation:

Vaccination.	Macclesfield Primary	Macclesfield Re-Vacc.	Bollington. Primary	Bollington. Re-Vacc
Notified by Practitioners	93	34	17	7

Diphtheria Immunisation:	Macclesfield Completed.	Macclesfield Ref.	Bollington. Completed	Bollington. Ref.
By Practitioners	134	17	83	3
At Welfare Clinics	387	82	73	-

Whooping Cough Immunisation.	Macclesfield	Bollington.
Notified by Practitioners	155	30

The friendly co-operation of the practitioners of the area in doing immunisation sessions at clinics and schools and their understanding over the vexed question of fees should be mentioned. Vaccination has unfortunately shown a very considerable decrease.

Section 27 - Ambulance Service.

		1. No. of Vehicles	2. Total No. Journeys.	3. Total No. of Patients carried	4 No.of Acc't & Emerg. Journeys inc. in Col.3.	5 Total Mileage.
A. Directly Provided	Amb.	4	9820 (-)*	9854 (4)*	325 (-)*	59274(178)
	Cars.	-	-	-	-	-
B. By Agency (Red Cross) (Works Reg. Contract) Firms	Amb.	1	2	2	-	173
	Cars	-	-	-	-	-
C. Supplementary (Hosp.Car Service Taxis.etc)	Amb	-	-	-	-	-
	Cars	8	2533	3552	-	72119
	Taxi.	1	41	41	-	142

The number of drivers (other than commercial) available for supplementary services in C above - average 8 per month.

(-)* Passengers picked up outside the administrative county.

The Ambulance Service has shown rather more than a five-fold increase in the number of journeys over the pre-July 1948 figures. The number of journeys since December 1948 has almost doubled. That the service is abused is beyond doubt and in specific cases where wilfil abuse could be proved action as been taken.

The Hospital Out-Patient Departments make increasing use of the service, for it facilitates the running of their Clinics. Cases solicitously conveyed to and from hospital in the morning have been seen later in the day walking about the town. Continued remonstrance with the hospitals appears to make no impression and until the public itself realise that the ride is not free, no material change can be expected.

Journeys to Manchester. A number of long distance cases have been dealt with by train. The patient has to be conveyed first to Manchester by Ambulance and is met by Ambulance at the terminal station.

Ambulances have still to be used for cross country journeys and for special cases as paraplegics travelling to Stoke Mandeville.

Section 28 - Prevention of Illness, Care and After -care.

Tuberculosis An after-care Sub-Committee has been formed but not yet met

	Macclesfield				Bollington			
	Pulmonary		Non-Pulmonary		Pulmonary		Non-Pulmonary	
	M.	F.	M.	F	M.	F	M.	F.
No. of cases on Register 1st. January 1949	93	59	36	35	9	9	8	7
No. of cases on Register 31st. December 1949	97	57	36	33	7	8	5	5
No. of new cases notified during 1949	12	8	6	5	-	-	-	-
No. of deaths during 1949	5	5	-	-	-	-	-	-
No. of Cases removed as recovered, lost sight of etc.	2	4	5	4	2	1	3	2

Section 29 - Domestic Help.

No. of cases attended by Domestic Helps:-

For Confinement	68
For Aged persons	47
For Sickness etc	33
	148

No. of Home Helps on the register at 31st. December, 1949:-

	Macclesfield	Bollington.
Full-time	7	-
Part-time	8	-

Average length of time for which Home Help is provided:-

Confinement Cases 14 days

Aged persons, sickness, mothers in hospital etc. - variable according to circumstances of case.

REPORT OF SANITARY INSPECTOR.

To the Chairman and Members
of the Bollington Urban District Council.

I have the honour to submit my Annual Report on the work done during the year 1949.

I wish to express my appreciation of the consideration and support received from the Chairman and members of the Health Committee and to Dr. H.R. Dugdale and the staff of the Council Offices for their assistance and help.

I have the honour to be,

Your obedient servant,

J.C. ANKERS,
Sanitary Inspector.

Council Offices,
Bollington.

HOUSING.

Number of new houses erected during the year:-

1.	By the Local Authority	18
2.	By other persons	1

No demolition orders were made during the year.

WATER SUPPLY.

The Council supply water to the district and bulk supplies to the Macclesfield Rural District Council parishes of Adlington, Prestbury and Rainow. The source of supply is at Rainow and consists of boreholes into millstone grit. The Council's consulting analysts Messrs. Melling and Ardern visit the undertaking three times per year and at their discretion send for samples for examination.

Six samples of raw water and four of chlorinated water were submitted for bacteriological examination and two for chemical analysis. All were satisfactory except for one raw water sample taken from a surface supply after heavy rainfall. This supply is approximately 10% of the whole and the bacteriological results after chlorination were satisfactory.

The following are the results of the chemical analysis:-

	No.1 Sample	No.2. Sample.
Total solids	14.4	16.8
Total hardness	7.0	10.0
Temporary hardness	6.4	10.0
Permanent hardness	0.6	nil
Combined chlorine	1.6	1.5
Toxic metals	nil	nil
Ammoniacal nitrogen	nil	nil
Albuminoid nitrogen	nil	nil
Nitrous nitrogen (nitrites)	nil	nil
Nitric nitrogen (nitrates)	0.06	0.11
Oxygen absorbed in 3 hours at 26.7°C	nil	0.010

Number of houses in district	1,787
Number of houses supplied from public water mains direct to the houses	1,773
Population supplied from public water mains direct to the houses	5,243
Number of houses supplied from public water mains by means of standpipes	4
Number of houses supplied from private supplies	10

Of the 1,787 houses all but 10 are on public mains supply.

During the year one private supply ceased to be used and the farm was connected to the public mains. There remains 10 houses on private supplies. Twelve samples from the three sources were taken, of these, one source was satisfactory and the other two unsatisfactory. Further samples were taken to ascertain the point of pollution and an improvement has been effected in one source. Regarding the third source the owners of the houses supplied are making arrangements to connect to the public mains.

By 1950 only six houses will be on private supplies and these cannot be connected to the mains due to their height above the reservoir.

SANITARY ADMINISTRATION.

2,268 visits were made and 468 defects found and remedied.

In carrying out this work 196 informal notices and 46 formal notices were served under the following sections:-

Section 39 Public Health Act. 1936	nil
" 44 " " " "	1
" 45 " " " "	3
" 75 " " " "	13
" 93 " " " "	26
Section 9 Housing Act,1936	3

SANITARY CONVENIENCES

Fresh Water Closets	1,588
Pail Closets	37
Privy "	7
Dustbins	1,816

During the year one pail closet was converted to a fresh water closet and five additional W.C's provided to houses.

INSPECTIONS.

The number of inspections made during the year are detailed below:-

Bakehouses and food preparing establishments	54
Butshers' Premises	10
Cowsheds and Dairies	75
Cinemas	1
Drainage	20
District Inspection of Houses	206
Fish Friers' Premises	17
Food Inspection	12
Factories	48
Housing Survey	318
Housing Applicants	108
Infectious Diseases	24
Ice Cream Premises	27
Inspections	269
Outworkers' Premises	6

INSPECTIONS (Cont.)

Licensed Premises	24
Rodent Control	81
Re-inspections	753
Schools	22
Shops	27
Piggeries	23
Smoke Observations	17
Water Supplies	32
Owners and Contractors seen	55
Verminous Premises	2
Miscellaneous	37
	2,268

DEFECTS REMEDIED.

Defective W.C's	16
Insufficient W.C. accommodation	5
Choked drains	15
Burst Water Pipes etc.	9
Defective Spoutings	88
Defective drains	18
Defective roofs	25
Defective firegrates	11
Defective walls & ceilings - plaster	29
Defective door frames	10
Defective window frames	19
Defective sashcords	17
Defective floors	22
Dangerous walls and buildings	13
Defective chimney stacks	5
Defective brickwork & pointing	35
Defective sinks	10
Defective waste pipes	5
Defective ashbins	66
Defective yard pavement	33
Unsuitable water supply	1
Closet conversion	1
Verminous premises	1
Accumulations of rubbish	3
Miscellaneous	11
	468

FOOD AND DRUGS ACT.1938

Number of premises registered for the manufacture of ice cream	1
Number of premises registered for the sale of ice cream	9
Number of premises registered for the preparation of cooked meat and fish	9

171 inspections of food premises were made during the year. There are only two resturants in the district. Repairs to floors, walls, sinks etc. were done at 10 premises. As there are very few assistants employed in food premises advice on food handling has been given when the inspections have been made.

ICE CREAM SAMPLES.

Eight samples were taken from six vendors. The following are the results:-

Grade 1	-	2
" 11	-	2
" 111	-	2
" 1V	-	2

The supplier of one of samples giving a Grade 1V result has been changed and the other has had improved results since.

The samples taken from the registered manufacturer were Grade 111 and a further sample taken after advice had been given was Grade 1.

FOOD SURRENDERED.

2 - 12oz tins Minced Beef Loaf
1 - 12oz tin Minced Veal Loaf
1 tin unsweetened milk.

DAIRIES AND COWSHEDS.

There are in the district:-

23 Registered Producers of milk, of these 11 are producer retailers.
3 Registered retailers whose premises are outside the district.
3 Farms hold Producer licenses for Tuberculin Tested milk and 11 for Accredited milk.

75 visits were made during the year. Complete new premises were constructed at one farm and extensive repairs done to another.

16 samples of milk were taken for bacteriological examination, four of which were unsatisfactory. These were obtained from three farms holding accredited licenses improvements have been effected and more recent samples satisfactory.

FACTORIES.

There are 37 factories and 1 workplace on the Register. Work commenced on alterations to W.C. accommodation started last year has been completed. Minor repairs have been done at 4.

FACTORIES' ACT, 1937

INPSECTIONS FOR THE PROVISIONS AS TO HEALTH
(including inspections made by the Sanitary Inspector)

Premises 1	M/c line No. 2	No. on Reg. 3	Inspections 4	Written Notices 5	Inspectors Occupiers prosecuted 6	M/c line No 7
Factories in which Sec. 1,2,3,4,& 6 are to be enforced by Local Authority.	1	1	1	Nil	Nil	1
Factories not included in (1) in which Sec.7 is enforced by Local Authority.	2	37	39	Nil	Nil	2
Other premises in which Sec.7 is enforced by the Local Authority (excluding outworkers' premises.	3	Nil	Nil	Nil	Nil	3
Total.		38	40	Nil	Nil	

CASES IN WHICH DEFECTS WERE FOUND.

Particulars.	M/c line No	Found	Remedied	Referred to H.M. Inspct.	By H.M. Inspect.	No.of cases in which Prosecution	M/c line No.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Want of cleanliness	4	-	-	-	-	-	-
Overcrowding	5	-	-	-	-	-	-
Unreasonable temperature	6	-	-	-	-	-	-
Inadequate ventilation.	7	-	-	-	-	-	-
Inefficient drainage of floors.	8	-	-	-	-	-	-
Sanitary Conveniences							
(a) Insufficient	9	-	-	-	-	-	-
(b) Unsuitable or defective.	10	4	4	-	-	-	-
(c) Not seperate for sexes	11	-	-	-	-	-	-
Other Offences	12	-	-	-	-	-	-
Total	60	4	4	-	-	-	-

OUTWORK
SECTION 110 & 111

NIL.

LICENSED PREMISES

There are 18 licensed premises in the district, 24 inspections were made. At two of the premises complete new sanitary accommodation and improved washing facilities have been provided.

SHOPS.

There are 93 shops in the district. All have been inspected and minor defects remedied by informal action.

SMOKE ABATEMENT.

17 observations were made on the seven chimneys. There was no contravention of the byelaws.

RODENT CONTROL.

104 treatments were made during the year.
Number of premises treated for rats 89
Number of premises treated for mice 15

Classification of infestations:-

Private dwellings	2 Major	30 Minor.
Business Premises	8 "	36 "
L.A.	3 "	10 "

Cost of treatment at 44 business premises and 11 private dwellings were charged to the occupiers, £117 15 0d. being recovered.

The estimated number of rats destroyed was 1,067

One part time rodent operator is employed.